

PHLPNSPHI
PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE MOUNT HOLLY NJ
1000 AM EST MON NOV 25 2013

TO: SUBSRCIBERS - FAMILY OF SERVICES AND NOAA WEATHER WIRE SERVICE AND
OTHER NATIONAL WEATHER SERVICE PARTNERS, USERS AND EMPLOYEES

FROM: RAY KRUSDLO - SENIOR SERVICE HYDROLOGIST, NATIONAL WEATHER SERVICE, WEATHER
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SUBJECT: IMPLEMENTATION OF PASSAIC BASIN FLOOD INUNDATION MAPS AND USER INTERFACE

ON MONDAY, NOVEMBER 18, 2013, THE NATIONAL WEATHER SERVICE (NWS) IMPLEMENTED SIX
PASSAIC BASIN FLOOD INUNDATION MAP LIBRARIES ON THE ADVANCED HYDROLOGIC PREDICTION
SERVICE (AHPS) WEB PORTAL.

INUNDATION MAPS PROVIDE INFORMATION ON THE SPATIAL EXTENT AND DEPTH OF FLOOD WATERS
IN THE VICINITY OF BOTH NWS RIVER FORECAST AND NON-FORECAST POINTS. USERS ARE ABLE TO
DISPLAY FLOOD INUNDATION MAPS FOR VARIOUS LEVELS RANGING FROM MINOR FLOODING
THROUGH AND/OR ABOVE THE LARGEST OBSERVED FLOOD.

FLOOD INUNDATION MAPS ARE AVAILABLE FOR THE FOLLOWING GAGES/FORECAST POINTS.

GAGE	MUNICIPALITIES
UPPER SADDLE RIVER	UPPER SADDLE RIVER TOWNSHIP SADDLE RIVER TOWNSHIP
POMPTON PLAINS	PEQUANNOCK TOWNSHIP WAYNE TOWNSHIP
RIVERDALE	BOROUGH OF RIVERDALE BOROUGH OF BLOOMINGDALE BOROUGH OF POMPTON LAKES
CHATHAM	CHATHAM TOWNSHIP BOROUGH OF NEW PROVIDENCE CITY OF SUMMIT
MILLINGTON	LONG HILL TOWNSHIP BERNARDS TOWNSHIP
CLIFTON/DUNDEE DAM	CITY OF CLIFTON CITY OF GARFIELD BOROUGH OF ELMWOOD PARK CITY OF PATERSON CITY OF PASSAIC

WITH THE IMPLEMENTATION ALSO COMES AN IMPROVED INUNDATION MAP INTERFACE. NEW ENHANCEMENTS CONTAIN A GEOLOCATION CAPABILITY AND ADDITIONAL USER-DEFINED LAYER TRANSPARENCIES INCLUDING THE 1% ANNUAL EXCEEDANCE FLOOD PROBABILITY AT SOME LOCATIONS.

EACH INUNDATION LIBRARY IS ASSOCIATED WITH A UNITED STATES GEOLOGICAL SURVEY (USGS) RIVER GAGE AND/OR NWS FORECAST POINT.

FLOOD INUNDATION MAPS, COMBINED WITH RIVER OBSERVATIONS AND NWS FORECASTS, ENHANCE THE COMMUNICATION OF FLOOD RISK, PROVIDE USERS WITH ADDITIONAL INFORMATION TO BETTER MITIGATE THE IMPACTS OF FLOODING, AND BUILD MORE RESILIENT COMMUNITIES.

THESE FLOOD INUNDATION MAPS AND ASSOCIATED GEOSPATIAL DATA (SHAPEFILES) CAN BE ACCESSED THROUGH THE AHPS PORTAL (USE LOWER CASE LETTERS):

[HTTP://WATER/WEATHER.GOV/AHPS](http://water.weather.gov/ahps)

A COMPLETE LIST OF FLOOD INUNDATION MAP LOCATIONS IS ONLINE AT (USE LOWER CASE LETTERS):

[HTTP://WATER.WEATHER.GOV/AHPS/INUNDATION.PHP](http://water.weather.gov/ahps/inundation.php)

A USERS GUIDE FOR THE FLOOD INUNDATION MAP WEB INTERFACE IS AVAILABLE AT (USE LOWER CASE LETTERS):

[HTTP://WATER.WEATHER.GOV/AHPS/INUNDATION_MAPPING_USER_GUIDE.PDF](http://water.weather.gov/ahps/inundation_mapping_user_guide.pdf)

THESE INUNDATION MAPS WERE DEVELOPED IN PARTNERSHIP WITH THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION, THE NEW YORK AND PHILADELPHIA DISTRICTS OF THE U.S. ARMY CORPS OF ENGINEERS, THE NEW JERSEY U.S. GEOLOGICAL SURVEY, AND MADE ONLINE IN COOPERATION WITH THE FEDERAL EMERGENCY MANAGEMENT AGENCY REGION II.

IF YOU HAVE ANY QUESTIONS OR COMMENTS, PLEASE CONTACT:

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